Causes and Consequences of the Great Oxidation Event:
The Western Australian Perspective

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Rajat Mazumder
Post-Doctoral Fellow
Australian Centre for Astrobiology,
University of New South Wales NSW 2052

The Great Oxidation event (GOE, 2-45-2.22 Ga) is one of the most controversial and significant events in the earth history. This transition was marked by a substantial shift in terrestrial geochemistry and biology, the onset of global glaciations, development of unconformities and terrestrial successions and led, ultimately, to the development and flourishing of eukaryotic life. This presentation is based on new sedimentological and stratigraphic data collected from Pilbara craton, Western Australia across the GOE in last two years.

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